SEQUENCE LISTING

<110> Omori, Satoshi

<120> Method and apparatus for recording information on sequence of biological compounds

<130> 2002F03

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<150> JP 2001-120335

<151> 2001-04-18

<150> JP 2001-368002

<151> 2001-11-30

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<170> Patent In Ver. 2.1

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<213> Escherichia coli

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<213 Escherichia coli

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Ala	Met 50	Ile	Glu	Lys	Thr	Ile 55	Ser	Gly	Gln	Asp	Ala	Leu	Pro	Asn	Ile
Ser 65	Asp	Ala	Glu	Arg	Ile 70	Phe	Ala	Glu	Leu	Leu 75	Thr	Gly	Leu	Ala	Ala 80
Ala	Gln	Pro	Gly	Phe 85	Pro	Leu	Ala	Gln	Leu 90	Lys	Thr	Phe	Val	Asp 95	Gln
Glu	Phe	Ala	Gln 100	Ile	Lys	His	Val	Leu 105	His	Gly	Ile	Ser	Leu 110	Leu	Gly
Gln	Cys	Pro 115	Asp	Ser	Ile	Asn	Ala 120	Ala	Leu	Ile	Cys	Arg 125	Gly	Glu	Lys
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Tyr	Ser 210	Ala	Ala	Val	Leu	Ala 215	Ala	Cys	Leu	Arg	Ala 220	Asp	Cys	Cys	Glu
Ile 225	Trp	Thr	Asp	Val	Asp 230	Gly	Val	Tyr	Thr	Cys 235	Asp	Pro	Arg	Gln	Val 240
Pro	Asp	Ala	Arg	Leu 245	Leu	Lys	Ser	Met	Ser 250	Tyr	Gln	Glu	Ala	Me t 255	Glu
Leu	Ser	Tyr	Phe 260	Gly	Ala	Lys	Val	Leu 265	His	Pro	Arg	Thr	Ile 270	Thr	Pro
Ile	Ala	Gln 275	Phe	Gln	Ile	Pro	Cys 280	Leu	Ile	Lys	Asn	Thr 285	Gly	Asn	Pro
Gln	Ala 290	Pro	Gly	Thr	Leu	Ile 295	Gly	Ala	Ser	Arg	Asp 300	Glu	Asp	Glu	Leu
Pro 305	Val	Lys	Gly	Ile	Ser 310	Asn	Leu	Asn	Asn	Met 315	Ala	Met	Phe	Ser	Val 320

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- Ser Ser Glu Tyr Ser Ile Ser Phe Cys Val Pro Gln Ser Asp Cys Val 355 360 365
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- Gly Leu Leu Glu Pro Leu Ala Val Thr Glu Arg Leu Ala Ile Ile Ser 385 390 395 400
- Val Val Gly Asp Gly Met Arg Thr Leu Arg Gly Ile Ser Ala Lys Phe
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- Phe Ala Ala Leu Ala Arg Ala Asn Ile Asn Ile Val Ala Ile Ala Gln
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- Gly Ser Ser Glu Arg Ser Ile Ser Val Val Val Asn Asn Asp Asp Ala 435 440 445
- Thr Thr Gly Val Arg Val Thr His Gln Met Leu Phe Asn Thr Asp Gln
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- Val Ile Glu Val Phe Val Ile Gly Val Gly Gly Val Gly Gly Ala Leu

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Asp	Leu	Arg	Val 500	Cys	Gly	Val	Ala	Asn 505	Ser	Lys	Ala	Leu	Leu 510	Thr	Asn
Val	His	Gly 515	Leu	Asn	Leu	Glu	Asn 520	Trp	Gln	Glu	Glu	Leu 525	Ala	Gln	Ala
Lys	G1u 530	Pro	Phe	Asn	Leu	Gly 535	Arg	Leu	Ile	Arg	Leu 540	Val	Lys	Glu	Tyr
His 545	Leu	Leu	Asn	Pro	Va1 550	Ile	Val	Asp	Cys	Thr 555	Ser	Ser	Gln	Ala	Val 560
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Pro	Asn	Lys	Lys 580	Ala	Asn	Thr	Ser	Ser 585	Met	Asp	Tyr	Tyr	His 590	Gln	Leu
Arg	Tyr	Ala 595	Ala	Glu	Lys	Ser	Arg 600	Arg	Lys	Phe	Leu	Tyr 605	Asp	Thr	Asn
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770

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Ser	Tyr	Ile	Phe	Gly 645	Lys	Leu	Asp	Glu	Gly 650	Met	Ser	Phe	Ser	Glu 655	Ala
Thr	Thr	Leu	Ala 660	Arg	Glu	Met	Gly	Tyr 665	Thr	Glu	Pro	Asp	Pro 670	Arg	Asp
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Gly	Val	Cys 755	Arg	Val	Lys	Ile	Ala 760	Glu	Val	Asp	Gly	Asn 765	Asp	Pro	Leu
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775

780

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Val Thr Ala Ala Gly Val Phe Ala Asp Leu Leu Arg Thr Leu Ser Trp 805 810 815

Lys Leu Gly Val

820